



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

MAR 10 2000

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 11080  
(THIRD REVISION)

EXPIRATION DATE: FEBRUARY 28, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Austin Powder Company  
Cleveland, Ohio

(See Appendix A to this document for list of additional grantees.)

2. PURPOSE AND LIMITATION: This exemption authorizes the use of a modified Canadian Explosive Act Schedule IV Electric Detonator Transportation Compartment as an alternative to an IME Safety Library Publication No. 22 Compartment for transport in commerce of certain Division 1.4B electric detonators and non-electric detonating assemblies in the same motor vehicle with any Division 1.1, 1.2, or 1.3 explosive, Division 1.4 detonating cord or Division 1.5D blasting explosives. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107, 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: Provision of § 177.835(g)(3)(i) insofar as a modified Canadian Explosive Act Schedule IV Electric Detonator Transportation Compartment is not an authorized method for shipping detonators.
5. BASIS: This exemption is based on the application of Austin Powder Company dated February 25, 2000, submitted in accordance with § 107.109.

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Page 26. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Detonators, Electric	1.4B	UN0255	II
Detonator Assemblies, Non-Electric	1.4B	UN0361	II

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. Division 1.4B electric detonators and non-electric detonating assemblies must be packaged according to § 173.62(c).

b. The Canadian Explosive Act's "Schedule IV Electric Detonator Transportation Compartment", for which Construction and Location Standards are prescribed in Canada's Federal Regulation SOR/80-488, s.5.(see Appendix), may be used as an alternative container or compartment to the IME 22 container or compartment specified in § 173.835(g)(3)(i) for transportation of Class 1.4B electric detonators and Class 1.4B non-electric detonator assemblies on the same motor vehicle with Division 1.1, 1.2, 1.3 explosives, 1.4D detonating cord or 1.5D blasting explosives, provided that:

The Canadian container or compartment be modified by an additional layer of either 1.27 cm(0.5 inch) thickness of gypsum board or 0.64 cm(0.25 inch) thickness of asbestos sheathing added to the interior of the barrier laminates and secured firmly to the container or compartment with a final layer of 0.64 cm(0.25 inch) thickness of exterior grade plywood.

c. All detonators will be packaged and labeled in accordance with IME Safety Library Publication No. 22 requirements.

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8. SPECIAL PROVISIONS:

The interior surface of lid or door of each modified Canadian Schedule IV "Electric Detonator Transportation Container or Compartment" must be marked in letters at least 14 mm (1/2-inch) high as follows:

**BARRIER LAMINATE  
WITH ADDED THERMAL PROTECTION  
DOT-E 11080**

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law 49 U.S.C. 5101 et seq.

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this

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exemption). In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving fire, explosion or loss of the package during shipments made under the terms of this exemption.

Issued at Washington, D.C.:



*for* Robert A. McGuire  
Acting Associate Administrator  
for Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for  
Hazardous Materials Safety, Research and Special Programs  
Administration, Department of Transportation, Washington, D.C.  
20590.  
Attention: DHM-31.

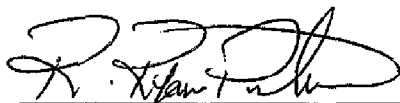
The original of this exemption is on file at the above office.  
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Dist: FHWA  
PO:SCW/sdc

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
ETI Explosives Technologies International Inc. Wilmington, DE	9/6/98	6/26/98	5/31/2000



For Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety